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(21)Application number : 06-247968 (71)Applicant : KONICA CORP
(22)Date of filing : 13.10.1994 (72)Inventor : MAEHASHI TATSUICHI
MATSUMOTO SHINJI
KUROKI TAKAAKI
KAWAKAMI SOTA

(54) PHOTOSENSITIVE MATERIAL FOR FORMING PLANOGRAPHIC PRINTING PLATE AND FORMATION OF PLANOGRAPHIC PRINTING PLATE

(57)Abstract:

PURPOSE: To provide a photosensitive material for forming planographic printing plate suitable for scanning exposure by laser and excellent in preservable stability and a planographic printing plate using the same.

CONSTITUTION: The photographic sensitive material for forming planographic printing plate provided with a photosensitive layer, which contains a compound having at least one of an ethylenic unsaturated bond, a binder component and a photopolymerization initiator, and a protective layer in this order contains at least a salt of a cationic dye with a an organic boron compound anion and the other boron compound in the molar ratio of 1:2 to 1:5 as the photopolymerization initiator. And after the photosensitive layer of the photosensitive material for forming planographic printing paper is imagewise scanning-exposed by the laser, the protective layer and the unexposed part of the photosensitive layer are eluted to remove.

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